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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/056,857

01/24/2002

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EXAMINER

GRANT II, JEROME

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

07/13/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/056,857	<b>Applicant(s)</b> WARDELL ET AL.	
	<b>Examiner</b> Jerome Grant II	<b>Art Unit</b> 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 30 May 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4, 7-14, 17-24 and 27-30 is/are rejected.
- 7) ☒ Claim(s) 5,6,15,16,25 and 26 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

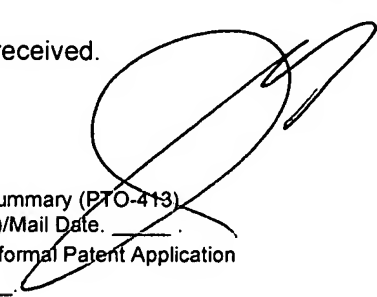
#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| <p>1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</p> <p>2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</p> <p>3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br/>Paper No(s)/Mail Date _____</p> | <p>4) <input type="checkbox"/> Interview Summary (PTO-413)<br/>Paper No(s)/Mail Date _____</p> <p>5) <input type="checkbox"/> Notice of Informal Patent Application</p> <p>6) <input type="checkbox"/> Other: _____</p> |
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Detailed Action

1.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

((b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, 11 and 12 are rejected under 35 U.S.C. 102(b) as being anticipated by Suzuki.

With respect to claims 1 and 11, Suzuki teaches a method of printing an impositioned document, comprising the steps of : receiving a print job 10 including page content (page description language); creating a first imposition layout (col. 22, lines 64-67) of the impositioned document based on page and content (content configurations and content ID, according to col. 4, lines 61-67); receiving a first job ticket with an identifier (unique ID of content) included in the document and layout information; determining whether the resource is locally stored on a printing device ( unique ID of content stored in a job description file of storage 12, according to col. 5, lines 1-5) or storage mod. 90).

Suzuki teaches storing the resource locally (content ID stored in print control system (storage 12)) responsive to determining that the resource is not locally stored on the printing device ( modifying a job description file which was not previously stored on contents management table, 92, see col. 10, liens 60-67 and figure 45); printing the impositioned document based on the first job ticket using the resource locally stored on the printing device, see col. 9, lines 33-35; receiving a second job ticket referencing the identifier of the resource ( i.e., plural jobs are selected by content ID as shown by figure 45.) See also col. 13, lines 49-65. See also col. 15, lines 5-15; printing the impositioned document based on he second job ticket using the resource stored on the printing device (see figure 24 and 25 for the print modes).

With respect to claims 2 and 12, Suzuki teaches where the resource (ID of data originator which sends a job to a print device), comprises a page of the impositioned document. See also figure 34.

2

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3 , 4, 7 – 9, 13, 14, 21-24~~26~~27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Suzuki in view of Nakajiri.

With respect to claims 3 and 13 Suzuki teaches every limitation upon which the claim depends except the specific language of claim 3.

Nakajiri teaches a second or other job having a second layout information (control ID selected by a user from a list, according to col. 9, lines 5-15) . See also col. 17, lines 5-15.

Since Nakajiri teaches that other jobs can be described with a layout information the purpose of using subsequent jobs under the layout of the resource would have been obvious at the time of the invention to Suzuki.

It would have been obvious to one of ordinary skill in the art to modify the print control system of Suzuki and management information table 92 of Suzuki so that the layout information is retained and used for subsequent jobs as suggested by Nakajiri.

With respect to claims 4 and 14, the augmentation of the first or second job with variable data is addressed with respect to the changed items via change editor 307 according to col. 9, lines 34-38 and 55-60. The motivation for the rejection here is the same as for claim 3.

With respect to claims 7, 8, 17, 18, 27, 28, see col. 12, lines 54-63.

With respect to claims 9, 19 and 29, the resource (computer ID) is stored in memory or a printer server via spool file storage means 303.

Since Nakajiri teaches that other jobs can be described with a layout information the purpose of using subsequent jobs under the layout of the resource would have been obvious at the time of the invention to Suzuki.

It would have been obvious to one of ordinary skill in the art to modify the print control system of Suzuki and management information table 92 of Suzuki so that the layout information is retained and used for subsequent jobs as suggested by Nakajiri.

With respect to claims 10, 20 and 30, see figure 11.

With respect to claim 21, Suzuki teaches a method of printing an impositioned document, comprising the steps of : receiving a print job 10 including page content (page description language); creating a first imposition layout (col. 22, lines 64-67) of the impositioned document based on page and content (content configurations and content ID, according to col. 4, lines 61-67); receiving a first job ticket with an identifier (unique ID of content) included in the document and layout information; determining whether the resource is locally stored on a printing device ( unique ID of content stored in a job description file of storage 12, according to col. 5, lines 1-5) or storage mod. 90).

Suzuki teaches storing the resource locally (content ID stored in print control system (storage 12)) responsive to determining that the resource is not locally stored on the printing device ( modifying a job description file which was not previously stored on contents management table, 92, see col. 10, lines 60-67 and figure 45); printing the impositioned document based on the first job ticket using the resource locally stored on the printing device, see col. 9, lines 33-35; receiving a second job ticket referencing the identifier of the resource ( i.e., plural jobs are selected by content ID as shown by figure 45. See also col. 13, lines 49-65. See also col. 15, lines 5-15; printing the impositioned document based on the second job ticket using the resource stored on the printing device (see figure 24 and 25 for the print modes).

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Suzuki does not teach that the method is performed by a computer readable medium.

Nakagiri teaches a storage means 103 in a host device or storage means 113 in a printer storage program. Since Nakagiri is directed toward content and layout information for a plurality of print jobs, the purpose of storing the method for using the resource ID for future jobs would have been recognized by Suzuki as set forth by Nakagiri.

It would have been obvious to store the method of Suzuki on a computer readable medium as is taught in a similar sense to do so as taught by Nakagiri.

2.

#### **Claims Objected to As Containing Allowable Matter**

Claims 5, 6, 15, 16, 25 and 26 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.



3.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Grant II whose telephone number is 571-272-7463. The examiner can normally be reached on Mon.-Fri. from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles, can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

J. Grant II 